

BARNEYS CANYON MINE
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David I. Hodson
General Manager

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AUG 20 1993

DIVISION OF
OIL, GAS & MINING

Wayne
DOGM
MINERALS PROGRAM
FILE COPY

Kennecott

August 16, 1993

Mr. Lowell Braxton
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Melco Waste Dump Revegetation Standard

Dear Lowell:

Following our meeting on August 4th at which we discussed the establishment of revegetation standards for non-top soiled, angle of repose waste rock dump slopes, I am writing to confirm our understanding of the agreed standards.

Barneys Canyon Mine commits to achieving a 50% revegetation standard and also to carry out field trials with the objective of finding and proving methods to achieve a higher than 50% standard. Barneys Canyon Mine will provide a full report on the trials to be submitted by November 1st 1996 (i.e. after three growing seasons). A copy of the test plot proposal designed by our consultant, Dr. Dave Morrey, was provided to DOGM at our meeting.

Barneys Canyon also agreed to propose a method by which the percentage revegetation would be assessed. We propose to employ JBR consultants to assess the vegetation cover in order to ensure maximum possible consistency with the baseline survey measurements taken in 1987 and in subsequent updates. The percentage revegetation will be assessed as follows:

Sampling will be accomplished by laying a 1 square yard frame on the ground in the area to be assessed. The species and percent of ground cover of each individual plant within the square will be recorded. In addition, estimates of the area covered by bare soil, rock and litter will be made. Vegetation understory species only will be assessed i.e. grasses, forbs and shrubs but not the taller scrub and tree vegetation which cannot realistically be reestablished in the required 3 year assessment period.

STRATHMORE WRITING

25% COTTON FIBER

A sufficient number of randomly sampled squares will be studied to ensure an 80% statistical confidence level in the quality of the percentage cover estimate. Exactly the same technique will be used to assess both the baseline vegetation and the revegetated cover. As far as possible, the revegetated slopes will be compared to adjacent undisturbed ground at the same elevation, aspect and soil type.

Sincerely,

A handwritten signature in dark ink, appearing to read 'D. I. Hodson', with a long horizontal flourish extending to the right.

D. I. Hodson
General Manager
Barneys Canyon Mine